Bio-Fuel Policy

1865. SHRI JANARDHANA POOJARY:
SHRI K. RAHMAN KHAN:

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government are contemplating to formulate a comprehensive Bio-fuel policy; and

(b) if so, the details in this regard with financial allocations?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) The Government have taken a policy decision with regard to blending of ethanol with petrol and have mandated the supply of 5% ethanol blended petrol in the States of Andhra Pradesh, Goa, Gujarat, Haryana, Karnataka, Maharashtra, Punjab, Tamilnadu and Uttar Pradesh, and Union Territories of Chandigarh, Daman & Diu, Dadra & Nagar Haveli and Pondicherry. Government have conducted a "Policy Analytical Study on the Utilization of Ethanol Fuel Blends and other Biofuels in Petrol and Diesel Engines" with the objective of developing measures for the accelerated use of biofueles as a substitute to petroleum based fuels and for reducing environmental pollution caused by the use of petroleum based fules. Research & Development work with regard to higher blends of ethanol with petrol, blending of ethanol & biodiesel with diesel, exploring different routes of ethanol production, development of technologies for converting different non-edible oils to biodiesel etc. is also underway. Interest subsidy for the production of ethanol from routes other than molasses, and for manufacturing kits/modified engines suitable for using higher biofuel blends, is available through the Indian Renewable Energy Development Agency (IREDA). The Planning Commission have prepared a Report on the Development of Biofueles, which has examined different aspects of production and use of biofueles. The Ministry of Rural Development have included bio-fuel plantations on wastelands/degraded lands under their ongoing programmes.

Providing Assistance for Solar Energy to Villages

1866. SHRI R.S. GAVAI: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government is providing Central assistance for providing solar energy to villages;

(b) if so, State-wise details therof; and

(c) the criteria adopted for providing Central assistance to States?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) to (c) Yes, Sir. The Ministry of Non-Conventional Energy Sources is providing central financial assistance to States for the installation of various types of solar energy systems all over the country, including villages. In addition, the Ministry is implementing a specific programme for the electrification of remote villages through non-conventional energy sources, including solar energy. The details of State-wise funds released for the installation of solar energy systems under under these programmes during 2000-01, 2001 -02 and 2002-03 are given in statement -I *(See* below). Central financial assistance to States is provided on the basis of proposals received from them, the techno-economic feasibility of the proposals, fulfillment of terms and conditions as per provisions contained in the schemes. The pattern of central financial assistance to the States for installation of solar energy systems is given in Statement-ll.

Statement-I

Details of State-wise Funds Released for the Installation of Solar Energy Systems During 2000-01, 2001-02 and 2002-03

SI.No.	State/UT	Funds Released (Rs. in lakhs)		
		2000-01	2001-02	2002-03
1	2	3	4	5
1.	Andhra Pradesh	69.20	286.67	348.77
2.	Arunachal Pradesh	18.53	3.53	151.69
3.	Assam	55.14	1.26	89.50
4.	Bihar	6.20	0.33	4.00
5.	Chhattisgarh	197.00	249.70	629.17
6.	Delhi	14.11	0.76	17.88
7.	Goa	0.50	-	-
8.	Gujarat	310.71	87.43	306.06
9.	Haryana	255.35	233.44	523.44

1	2	3	4	5
10	Himachal Pradesh	131.25	135.44	120.91
11	Jammu & Kashmir	75.25	772.06	715.83
12	Jharkhand	-	3.41	133.98
13	Karnataka	78.54	115.15	125.45
14	Kerala	323.61	851.10	38.82
15	Madhya Pradesh	0.80	34.53	112.25
16	Maharashtra	46.28	46.09	29.12
17	Manipur	2.40	44.75	738.23
18	Meghalaya	58.00	9.68	340.92
19	Mizoram	165.55	19.95	57.33
20	Nagaland	8.68	-	0.80
21	Orissa	34.02	65.00	-
22	Punjab	57.36	650.56	1043.57
23	Rajasthan	187.61	592.25	667.98
24	Sikkim	2.59	36.92	20.90
25	Tamilnadu	75.66	55.50	73.75
26	Tripura	110.87	205.80	399.09
27	Uttar Pradesh	616.41	794.62	747.50
28	Uttaranchal	208.60	261.37	587.19
29	West Bengal	359.73	793.44	688.04
30	A&N Islands	10.15	66.00	88.93
31	Chandigarh	0.80	13.94	12.71
32	Lakshadweep Islands	257.00	572.49	392.00
33	Pondicherry	—	3.78	14.94

Statement II

Pattern of Central Financial Assistance to States for the Installation of Solar Energy Systems

SI.No.	Solar Energy System	Extent of Central Special Category States and Islands(other than Union Territories)	Financial Assistance Remaining Regions of the Country
1	2	3	4
1.	Solar Home System	90% of the ex-works cost, subject to a maximum of:	50% of the ex-works cost, subject to a maximum of:

1	2	3	4
	Model 1(18WPV module)	Rs. 5.000/-	Rs. 3,000/-
	Models 2 & 3 (37 W PV module)	Rs. 10.000/-	Rs. 5,500/-
	Models 4 & 5 (74 W PV module)	Rs. 18,000/-	Rs. 10,000/-
2.	Street Lighting System (74WPV module)	90% of the ex-works cost, subject to a maximum of Rs. 20,000/-	50% of the ex-cost, works cost, subject to a maximum of Rs. 11,000/-
3.	SPV water pumping system (200-3000 WPV module)	90% of the ex-works cost, subject to a maximum of Rs. 2.50 lakhs	Rs.135/- Wp. subject to a maximum of Rs. 2.50 lakhs
4.	Stand Alone SPV Power Plant & Other Community Systems	90% of the ex-works cost, subject to a maximum of Rs. 3.50 lakhs/kWp	50% of the ex-works cost, subject to a maximum of Rs. 1.80/kWp
5.	SPV Grid-Interactive Power Plant	90% of the Project cost, subject to a maximum of Rs.2.70lakhs/kWp	2/3 of the project cost, subject to a maximum of Rs.2.00lakhs/kWp
6.	Solar Cooker	50% of total cost, limited to a maximum of:	50% of total cost. limited to a maximum of:
	Dish Type	Rs. 2,500/-	Rs. 2.500/-
	Community Type	Rs. 25,000/-	Rs. 25,000/-
	Steam Cooking System	50% of the eligible capital cost as agreed upon by the Ministry	50% of the eligible capital cost as agreed upon by the Ministry

Installation of wind power stations

1867. SHRI C.P. THIRUNAVUKKARASU: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government has identified potential (Windy) sites for development and installation of wind power station;

(b) if so, the details thereof along with the list of sites identified;

(c) whether it is a fact that third party sales of power is disallowed in some States;